

Converting Colors

Yxy(51.2826, 0.4122, 0.3741)

Have a look what the booklet for
Yxy(51.2826, 0.4122, 0.3741)
contains.

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Color

Yxy(51.4359, 0.4115, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	F3AF86
RGB	243, 175, 134
RGB Percent	95%, 69%, 53%
CMY	0.0471, 0.3137, 0.4745
CMYK	0.00, 0.28, 0.45, 0.05
HSL	23°, 82%, 74%
HSV	23°, 45%, 95%
XYZ	56.5932, 51.4359, 29.5000
YIQ	190.6580, 53.6890, 1.6650

Conversions

Conversions Part 2

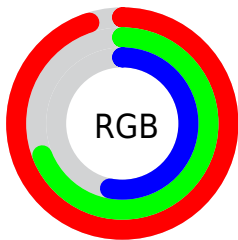
Format	Color
R _Y B	243, 200, 134
Decimal	15970182
CIE Lab	76.94, 20.03, 30.83
CIE LCh	77, 36.765, 56.992
Yxy	51.4359, 0.4115, 0.3740
Android (android.graphics.Color)	4294160262 (0xFF3AF86)
YUV	190.6580, -27.9324, 45.9039
Hunter-Lab	71.7188, 15.3462, 25.8155

Details

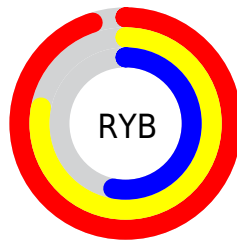
The Yxy color **51.4359, 0.4115, 0.3740** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7729, 0.2434, 0.2778**, and the grayscale version is **52.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0427, 0.3583, 0.3726**, and **24.7495, 0.4375, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **45.2634, 0.4424, 0.3829**, and if you desaturate by 10%, it is **58.4314, 0.3837, 0.3639**.

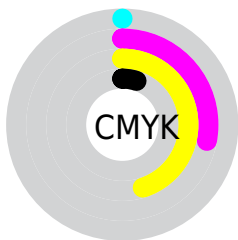
Distribution



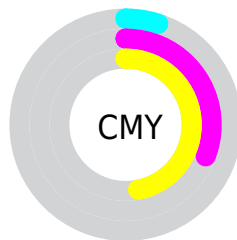
- Red (95%)
- Green (69%)
- Blue (53%)



- Red (95%)
- Yellow (78%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4359, 0.4115, 0.3740 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 51.4359, 0.4115, 0.3740 by changing the saturation by 10% instead.


 51.4359, 0.4115,
0.3740

 51.4359, 0.4115,
0.3740


392.2550, 0.3628,
0.3540


 36.5556, 0.4232,
0.3781


 92.2988, 0.3941,
0.3674

 24.8636, 0.4379,
0.3828


 119.0502, 0.3875,
0.3647

 15.9755, 0.4568,
0.3881


 150.5274, 0.3818,
0.3624

 9.5068, 0.4817,
0.3938

187.1149, 0.3770,
0.3603

 5.0732, 0.5154,
0.3984

229.1970, 0.3727,
0.3585

 2.2903, 0.5854,
0.4146

277.1581, 0.3690,

 0.7686, 0.6246,

0.3568

0.3754

331.3826, 0.3657,
0.3554

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4359, 0.4115,
0.3740

51.4359, 0.4115,
0.3740

45.2634, 0.4424,
0.3829

58.4314, 0.3837,
0.3639

39.8738, 0.4756,
0.3895

66.2730, 0.3594,
0.3535

35.2345, 0.5093,
0.3924

74.9920, 0.3384,
0.3433

31.3070, 0.5409,
0.3906

84.6158, 0.3204,
0.3335

■ 28.0478, 0.5675,
0.3834

■ 95.1383, 0.3054,
0.3249

■ 26.6085, 0.5792,
0.3783

■ 97.7932, 0.3054,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.4359, 0.4029, 0.3349



51.4359, 0.4115, 0.3740



51.4359, 0.3915, 0.4060

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.4359, 0.4115, 0.3740



51.4359, 0.2579, 0.3620



51.4359, 0.2701, 0.2515

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



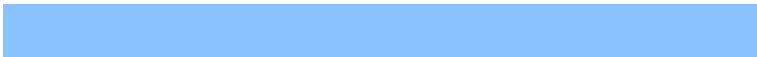
51.4359, 0.4115, 0.3740



53.7729, 0.2434, 0.2778

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.4359, 0.2367, 0.2526



51.4359, 0.4115, 0.3740



51.4359, 0.2298, 0.3124

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.4359, 0.4115, 0.3740



51.4359, 0.3018, 0.4037



51.4359, 0.2226, 0.2732



51.4359, 0.3177, 0.2676

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.4359, 0.4115, 0.3740



51.4359, 0.3659, 0.4177



51.4359, 0.2226, 0.2732



51.4359, 0.2570, 0.2498

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.4384, 0.4115, 0.3740



85.5555, 0.3349, 0.3414



40.4174, 0.3560, 0.2557



17.8245, 0.3392, 0.3437



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.4384, 0.4115, 0.3740



50.9682, 0.4401, 0.3823



76.5148, 0.3855, 0.4267



17.5041, 0.3284, 0.3380



14.8431, 0.5763, 0.3806



1.4955, 0.5529, 0.3992

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.7729, 0.2434, 0.2778



53.8245, 0.2305, 0.2649



32.8871, 0.2310, 0.2071



17.6489, 0.2980, 0.3199



16.0679, 0.1891, 0.2007



1.6095, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 51.4359, 0.4115, 0.3740 looks on a white background.

Color Contrast Check

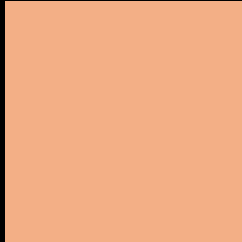
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 51.4359, 0.4115, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

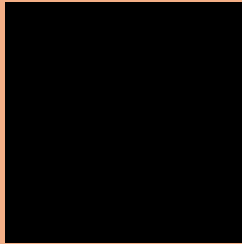
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4359, 0.4115, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 51.4359, 0.4115, 0.3740.



This preview shows how white text looks on a background with the Yxy color 51.4359, 0.4115, 0.3740.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.4359, 0.4115, 0.3740

Protanopia

51.5577, 0.3645, 0.3911

Deuteranopia

51.4802, 0.3944, 0.3857



Tritanopia

51.4863, 0.3740, 0.3162

Trichromacy



Original Color

51.4359, 0.4115, 0.3740

Protanomaly

51.4383, 0.3807, 0.3851

Deuteranomaly

51.2573, 0.4013, 0.3812

Tritanomaly

51.3990, 0.3884, 0.3368

Monochromacy



Original Color

51.4359, 0.4115, 0.3740

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3018, 0.3465, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4359, 0.4115, 0.3740 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 175, 134)` looks like.

```
.text, #text, p{  
    color:rgb(243, 175, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 175, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 175, 134) }
```

Border

The CSS property to change the border of an element to Yxy 51.4359, 0.4115, 0.3740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 175, 134) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 175, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 175, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 175, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 175, 134);  
box-shadow:4px 4px 4px 4px rgb(243, 175,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4359, 0.4115, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 175, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
175, 134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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